



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/685,630	10/15/2003	Saeed Moghaddam	SLIT1

24020
 DANIEL E KRAMER
 2009 WOODLAND DRIVE
 YARDLEY, PA 19067

CONFIRMATION NO. 4991

FORMALITIES LETTER



OC000000011728996

Date Mailed: 01/22/2004

NOTICE TO FILE CORRECTED APPLICATION PAPERS

Filing Date Granted

An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - More than one figure is present and each figure is not labeled "Fig." with a consecutive Arabic numeral (1, 2, etc.) or an Arabic numeral and capital letter in the English alphabet (A, B, etc.) (see 37 CFR 1.84(u)(1)). See Figure(s) 6.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
 Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



in the United States Patent and Trademark Office

Application Number: 10/685,630
Filed 10/15/2003 (15 October 2003)
Applicants: Saeed Moghaddam, et al
Title: Slit-Type Restrictor for Controlling Flow Delivery to
Electrohydrodynamic thin Film Evaporator

AMENDMENT A

This is applicants' response to Notice to File Corrected
Application Papers dated 1/22/2004;
Confirmation Number 4991

CORRECTIONS TO DRAWINGS

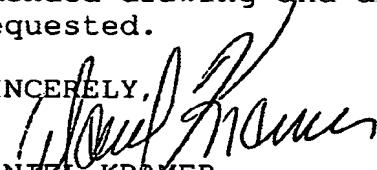
Two copies of page 3/4 of the drawings are attached. One is
marked in red indicating that Fig. 6 has been changed to
Fig. 8. The second is unmarked and constitutes the amended
drawing changed in accord with the marked-up drawing. This
mis-numbering was attorney's error. His apology is tendered.

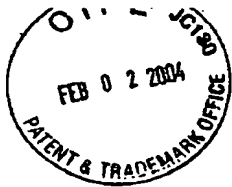
AMENDMENT OF THE SPECIFICATION:

The specification has been examined and Applicant requests
permission to amend paragraph XLII appearing on page 27 to
conform to figure 7 as follows: in fifth line from the end
of the paragraph change ~~negative connectors 40~~ to **negative
connectors 48**. Applicant believes no other change is
required. A copy of page 27 bearing the complete paragraph
XLII marked-up to show the change and a clean amended page
27 embodying the change are attached.

Applicant believes the proposed changes do not embody any new
matter and that the drawings are acceptable and entry of the
amended drawing and amended paragraph XLII is respectfully
requested.

SINCERELY,


DANIEL KRAMER
For the Applicants
Reg. Number 26,288
Voice 215 493-4830
Fax 215 493 1451
January 30, 2004

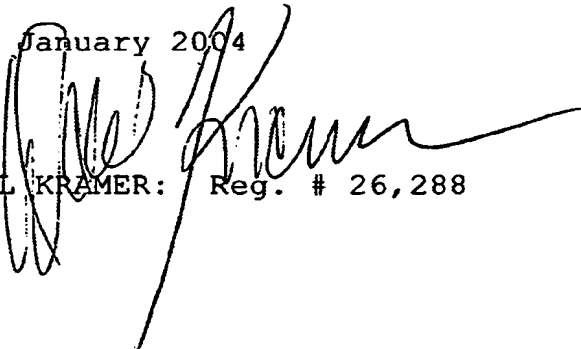


Certificate of Mailing:

I certify that the attached correspondence was mailed in a properly addressed and stamped envelope to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on 31 January 2004


DANIEL KRAMER: Reg. # 26,288

understood that the feedback arrangement to control the voltage applied to the array is applicable to all shown constructions. In this construction, the flow of liquid over the microelectrode array and therefore the cooling effect generated is totally under electrical control. Such control can provide improved performance and prevent IC damage under unexpected circumstances.

XLIII. Figures 7 and 8 (both section 2A-2A) are provided to illustrate that the arrangement of the microelectrodes in the array 31 used in conjunction with the slit-type restrictor of the invention can have a number of patterns. Figure 7 shows array 31 having a radial or splayed pattern. Figure 8 shows array 31 having a parallel pattern. Other configurations are possible. Examination of figure 2, the source of the section, shows that the section line traverses only portion 50S of baffle 50. The microelectrodes within the slit area are hidden (dashed) and designated as Es. Reservoir 57 is shown on both, positioned to supply liquid to the slit. In both the array of figure 7 and the array of figure 8 there is shown external voltage connections 32 and 34; ~~negative connectors 40~~ negative connectors 48 supplying potential to microelectrodes 42 connected to connection 32 and positive connectors 46 connected to external connection 34 and supplying potential to microelectrodes 44.

understood that the feedback arrangement to control the voltage applied to the array is applicable to all shown constructions. In this construction, the flow of liquid over the microelectrode array and therefore the cooling effect generated is totally under electrical control. Such control can provide improved performance and prevent IC damage under unexpected circumstances.

XLII. Figures 7 and 8 (both section 2A-2A) are provided to illustrate that the arrangement of the microelectrodes in the array 31 used in conjunction with the slit-type restrictor of the invention can have a number of patterns. Figure 7 shows array 31 having a radial or splayed pattern. Figure 8 shows array 31 having a parallel pattern. Other configurations are possible. Examination of figure 2, the source of the section, shows that the section line traverses only portion 50S of baffle 50. The microelectrodes within the slit area are hidden (dashed) and designated as Es. Reservoir 57 is shown on both, positioned to supply liquid to the slit. In both the array of figure 7 and the array of figure 8 there is shown external voltage connections 32 and 34; negative connectors 48 supplying potential to microelectrodes 42 connected to connection 32 and positive connectors 46 connected to external connection 34 and supplying potential to microelectrodes 44.

